

Name: **K. Manasa**

Designation: Assistant Professor

Department: Electronics and Communication Engineering

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Experience (in years): 5.4 years Teaching: 5.4 years Research: 00

Industry: 00



### 1. Educational / Technical qualifications:

S.No	Level (UG / PG / Ph.D)	Year of passing	Specialization
1	M. Tech	2015	Embedded Systems
2	B. Tech	2011	ECE

### 2. Teaching and Learning:

2.1. Teaching Interests: Electronic Devices and Circuits, Pulse and Digital Circuits, Electronic Circuit Analysis, Electronic Measurements and Instrumentation, Embedded Real Time Operating Systems, IOT protocols and its applications, Computer Organization.

2.2. Novel Teaching & Learning Techniques adopted: PPT, Videos, Group discussion, quiz, conducted tutorials, WIT & WIL

2.3. Involvement in curriculum updating / Design: NA,

### 3. Co-curricular and Extra-Curricular Activities

3.1. Interests and Hobbies:

- Reading books
- Listening to music
- Cooking

3.2. CCA/ECA Organized: Fest competitions

3.3. CCA/ECA participated: quizzes

3.4. Counseling and Mentoring Activity: Actively Involved in counselling and mentoring

3.5. Committees involved in:

2.1. Department level: Project Review Committee Induction program team, worked as admission coordinator, Training and placement team, working as class coordinator, IOT lab incharge, EDC lab incharge, Involved in NBA work (BTech CGPA data file incharge, involved in Industrial Visits file), OTLE member.

Institute Level: NA

### 4. Conference / Workshop / Seminar / Guest Lectures :

4.1. Conducted: Involved as a Resource person in Internet of Things workshop conducted at VNRVJiet on the topic of Hands on Applications using Arduino.

4.2. Attended:

RTES & IOT Workshop-2016,

AI FDP- May 2020,

Utilization of Digital platforms Hands-on Workshop-May 2020,

Cyber Security FDP-June 2020,

AI ML FDP-June 2020,

Design Thinking FDP-June 2020

Data Science for all FDP organised by E&ICT Academy April 2021

### 5. Academic Contribution and Research & Consultancy:

5.1. Invited Lectures: Nil

5.2. Articles/Chapters published in Books: Nil

5.3. Books published as single author or as editor: Nil

5.4. Projects Guided :

a) UG :06 b) PG :Nil

5.5. Research Interests :Embedded Systems

5.6. Ph.D students :Nil

a) Enrolled :

b) Submitted:

c) Awarded:

5.7. Papers published in reviewed journals :

S.No	Title of the Paper	Journal Name Vol.No. PP	ISBN/ISSN No.	Impact Factor/ Citation Index	National/ International
1	Vehicle Remote Control System using Cell phone	International Journal & Magazine of Engineering, Technology, Management and Research Volume 2, issue 10	2348-4845		International
2	Efficient Implementation of Human FPGA Video Stream Detection	Alochana Chakra Journal	2231-3990	6.3	International

5.8. Papers presented at National / International Journals :

S.No	Title of the Paper	Names of the Conference/ Seminars	National/ International	Period
1				

5.9. Sponsored research Projects:

S.No	Title	Agency	Period	Grant amount	Ongoing / Completed

5.10 Consultancy Projects:

S.No	Title	Agency	Period	Sanctioned Amount	Ongoing / Completed

6. **Awards / Honors received:**

7. **Motto:** The only way to do great work is to love what you do.